

### INTRODUCTION:

Adam Tech DP and MDP series male and female DIN and Mini DIN plugs are offered in an assembly version which contains a fitted two-piece snap-together metal shell with a slide over boot which surrounds the center contact pad or a molded version which has a one piece metal shell permanently attached to the contact pad which is used in over-molded cable production. Their simple yet extremely sturdy design make them perfect for most applications.

### FEATURES:

DIN and Mini DIN styles  
Easy two-piece metal shell assembly  
Over-mold or assembly versions

### MATING CONNECTORS:

All industry standard circular Mini DIN and DIN jacks.

### SPECIFICATIONS:

#### Material:

Insulator: PBT glass filled, rated UL94V-0  
Insulator Color: Black standard, custom colors available  
Contacts: Brass  
Shield: Copper Alloy, Tin Plated

#### Contact Plating:

Nickel on mating area, Tin over Copper underplate on solder area.

#### Electrical:

Operating voltage: 100V AC / 12V DC max.  
Current rating: Mini Din: 1 Amp max.  
Din: 2 Amps max  
Contact resistance: 20 mΩ max. initial  
Insulation resistance: 500 MΩ min.  
Dielectric withstanding voltage: 500V AC for 1 minute

#### Mechanical:

Insertion force: 9.9 lbs max.  
Withdrawal force: 0.8 lbs min  
Mating durability: 5000 cycles min.

#### Temperature Rating:

Operating temperature: -25°C to +70°C

### PACKAGING:

Anti-ESD plastic trays

### APPROVALS AND CERTIFICATIONS:

UL Recognized & CSA Certified, File no. E224053



### ORDERING INFORMATION

MDP

008

#### SERIES INDICATOR

DP = Male DIN Plug  
DS = Female DIN Plug  
MDP = Male Mini DIN Plug  
MDS = Female Mini DIN Plug

#### NO. OF POSITIONS

003 thru 008 (DP/DS)  
003 thru 009 (MDP/MDS)

### OPTIONS:

Add designator(s) to end of part number

G = Gold plated contacts  
M = Single piece barrel and contact pad  
without plastic shell for molding  
applications

<p><b>DP SERIES DIN PLUG</b></p> <p>003    004    005    006    007    008</p>	<p><b>DP-008</b></p>
<p><b>DS SERIES DIN SOCKET</b></p> <p>003    004    005    006    007    008</p>	<p><b>DS-008</b></p>
<p><b>MDP SERIES MINI DIN PLUG</b></p> <p>MDP-006</p>	<p><b>MDP-006</b></p>
<p><b>MDS SERIES MINI DIN SOCKET</b></p> <p>MDS-008</p>	<p><b>MDS-008</b></p>
<p>3 PIN    4 PIN    5 PIN    6 PIN    7 PIN    8 PIN    9 PIN</p>	